



County of Los Angeles **CHIEF ADMINISTRATIVE OFFICE**

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Chief Administrative Officer

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MICHAEL D. ANTONOVICH
Fifth District

January 10, 2006

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

LOS ANGELES COUNTY PUBLIC RESOURCES AND INFRASTRUCTURE PROJECTS (ALL DISTRICTS AFFECTED) (3 VOTES)

This letter recommends approval of County public resources and infrastructure projects for which the County is seeking State and Federal financial assistance and/or project approval. These projects, together with other projects previously approved by your Board, would guide our State and Federal advocacy efforts and provide interested parties with a comprehensive menu of priority projects within Los Angeles County. These priority projects have been developed in coordination with County Departments, the Legislative Strategist, and our Sacramento and Washington, D.C. advocates.

THEREFORE, IT IS RECOMMENDED THAT YOUR BOARD:

1. Approve the County Public Resources and Infrastructure Projects List, which seeks to address the County's critical resources and infrastructure needs, including environmental restoration, watershed management, transportation, air quality, recreation, open space, and beach improvements, and approve the funding requests for each project.
2. Instruct the Chief Administrative Officer, affected departments, the Legislative Strategist, and the County's Sacramento and Washington, D.C. advocates to work with our State Legislative Delegation, Los Angeles County Congressional

Delegation, other local governments, and interest groups to pursue funding for the projects in the attached list.

INTRODUCTION

The State and Federal governments continue to face multi-billion budget deficits and initiatives to secure new State and Federal funding for resources and infrastructure projects will be very difficult to achieve. Despite this fact, the County has many critical unmet needs that cannot be funded with County dollars alone.

In the past, the County has included as an attachment to the annual State Legislative Agenda a list of water quality, recreation and beach improvement projects for which State funding was sought. On the Federal side (and as a separate process), the County has sought funding for various County projects through various Appropriations bills, reauthorization bills, and the "Members Request" process. Because the complete menu of County projects seeks to address countywide resources and infrastructure needs, my office believes that combining both State and Federal projects into a comprehensive list is a more efficient and effective way of presenting the County's overall funding priorities, and will enhance our advocacy efforts to secure funding for the various projects.

Many of our advocates at both levels are frequently asked about projects the County would like funded or approved as part of the "Member's Request" or through the Budget Process. In the past, having two separate lists has potentially limited our opportunity to obtain Federal funding for a project on the State list, and State funding for a project on the Federal list because the lists appeared to be mutually exclusive. Therefore, we believe combining the two lists into one comprehensive County Resources and Infrastructure Projects List could potentially maximize our opportunities to obtain either State or Federal funding, or both, for the projects contained in the list. However, even though we believe the list will maximize our potential for funding, there is no guarantee that the projects in the list will receive full or partial funding.

IMPACT OF STATE ACTIONS

The passage of Proposition 40 and Proposition 50 authorized a total of \$6.04 billion in resource-related bond funds for air, water, watershed, park, beach, cultural resources, and land acquisition and restoration purposes. The \$2.6 billion "California Clean Water, Clean Air, Safe Neighborhood Parks, and Coastal Protection Act of 2002" (Proposition 40), and the \$3.44 billion "Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002" (Proposition 50) were passed by the voters on the March and November 2002 ballots, respectively. Bond funds for projects and grants under Proposition 40 were appropriated beginning in FY 2001-02 and Proposition 50 program funds were appropriated beginning in FY 2002-03.

Proposition 40 provided funds for neighborhood parks, outdoor recreation, wildlife habitat protection, clean beaches, preservation of cultural and historical resources, air pollution projects, water quality, and watershed protection and restoration. Proposition 50 made funds available for various water supply and water quality related projects, including wastewater treatment, watershed protection, clean beaches, and safe drinking water infrastructure improvements. According to a report by the Department of Finance, the State anticipates that most of the projects funded by the two bond measures will be completed by FY 2012-13.

There is a good possibility that a new resource bond act will appear on a future ballot because funding for Proposition 40 and Proposition 50 is nearing depletion. The balance in Proposition 40 and Proposition 50 bond funds is estimated to be \$673 million. Nearly all of the remaining Proposition 40 bond funds will have been appropriated by the end of FY 2005-06. The adopted FY 2005-06 State Budget includes program expenditures of \$583 million under Proposition 50, with a balance of approximately \$671 million remaining for new projects for water quality, water management, land acquisition and restoration, and the CALFED Bay-Delta Program.

The State will also be considering a number of bills in the second half of the FY 2005-06 Legislative Session that would present opportunities for the County to compete for funding for environmental restoration, watershed management, transportation, recreation, open space, and beach improvements projects, if passed by the Legislature and adopted by the voters in a future election.

County-supported and amended SB 253 (Chesbro), as amended on September 2, 2005, would enact the California Clean Water, Safe Neighborhood Parks, and Coastal Protection Act of 2006, which, if adopted by the voters, would authorize the issuance of \$3.945 billion in State General Obligation bonds for acquisition, development, restoration, and preservation projects. The County is requesting that the bill be amended to include beaches in the definition of parks for the purposes of qualifying for bond funding. **County-supported and amended AB 1269 (Pavley)**, as introduced, would enact the Clean Air, Clean Water, Coastal Protection, and Parks Act of 2007, which, if adopted by the voters, would authorize an unspecified amount in State General Obligation Bonds for resource protection, acquisition, restoration and development. The County is requesting that the bill be amended to specify a local appropriation based on population and location and to include beach facilities and improvements in the eligible uses for grant assistance.

Furthermore, **SB 1024 (Perata)**, as amended on September 8, 2005, would enact the Safe Facilities, Improved Mobility, and Clean Air Bond Act of 2005, which, if adopted by the voters, would authorize \$10.275 billion in State General Obligation bonds for specified purposes, including the State transportation improvement program, passenger rail improvements, levee improvements, flood control, restoration of Proposition 42 transportation funds, port infrastructure and security projects, trade corridors of

significance, emissions reduction projects, environmental enhancement projects, transit-oriented development, transportation needs in cities and counties that meet certain housing requirements, and housing, regional growth, and infill development purposes.

IMPACT OF FEDERAL ACTIONS

Because of the huge Federal budget deficit, we can expect that Federal aid to state and local governments will be vulnerable to budget cuts. The continuing costs of the war in Iraq and concerns about homeland security make it less likely that defense spending would be significantly reduced. To reduce the Federal budget deficit, the Administration and Congress will likely propose freezing or cutting spending for domestic "discretionary" programs for which funding is set through the annual appropriations process. The County will face major challenges to preserve its current discretionary Federal revenue, let alone increase its funding. This budget climate will negatively affect the County's ability to secure Federal funding for critical resources and infrastructure projects as well.

On November 19, 2005, the President signed the Energy and Water Development Appropriations Act (H.R. 2419), which funds Army Corps of Engineers ("Corps") civil works projects, including those of importance to the County's Public Works and Beaches and Harbors departments. Under H.R. 2419, the Corps will receive \$5.4 billion, which is about \$57 million more than FFY 2005 and \$1.2 billion more than the President's Federal Fiscal Year (FFY) 2006 request. The increase is primarily due to the renewed attention on funding Army Corps maintenance projects in the aftermath of Hurricane Katrina. H.R. 2419 also includes funding for the following projects of County interest:

Army Corps of Engineers – FFY 2006 Investigations/Studies

Arroyo Seco Watershed Feasibility Study	\$ 100,000
Ballona Creek Restoration	\$ 200,000
California Coastal Sediment Master Plan	\$ 600,000
Coast of CA Storm and Tidal Wave Study	\$ 100,000
Malibu Creek Watershed	\$ 85,000
Regional Dredged Material Management Plan	\$ 850,000
Southern California Beach Process Study	\$ 650,000
Sun Valley Watershed Feasibility Study	\$ 150,000
Tujunga Wash Restoration Project – Phase II	\$ 431,000

Army Corps of Engineers – FFY 2006 Operations and Maintenance

Los Angeles County Drainage Area (LACDA)	\$ 3,858,000
Marina del Rey Maintenance Dredging	\$ 900,000

In the aftermath of Katrina, it can be reasonably expected that Federal funding for the Corps and infrastructure needs will increase over the next several years. With more dollars expected to go to the Corps, the County anticipates receiving a higher level of Federal funding for our Corps-related projects. However, funding for other types of projects may be reduced because of the negative Federal fiscal environment and the typical "zero-sum game" of budgeting, whereby funding increases in one area are typically offset by reductions in other areas.

In addition, on July 29, 2005, Congress approved H.R. 3, The Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users ("SAFETEA-LU"), which reauthorizes Federal highway and transit programs retroactively from FFY 2004 through FFY 2009. The overall funding level of \$286.4 billion in guaranteed spending over six years represents an increase in national transportation funding of approximately 31.5 percent. H.R. 3 funds the following earmarks requested by the County:

Colima Road/Fullerton Road Intersection Improvements	\$ 800,000
Del Amo Blvd. widening from Normandie Ave. to New Hampshire Ave.	\$ 2,400,000
Tunnel Lining Repair, Malibu Canyon Rd., Kanan Rd., Kanan Dume Rd.	\$ 2,400,000
Highway 138	\$ 400,000
Gale Avenue Widening between Fullerton Road and Nogales Street	\$ 80,000

PRIORITY COUNTY PUBLIC RESOURCE AND INFRASTRUCTURE PROJECTS

Attachment I is a summary of the County's Public Resource and Infrastructure Projects for FY 2006–07 developed in collaboration with the Departments of Beaches and Harbors, Parks and Recreation, Public Works, and the Chief Administrative Office. The list demonstrates the County's recognition of the important linkage between watershed management, environmental restoration, recreation, open space, and beach improvements. The list integrates the projects to maximize the County's immediate opportunities for State funding from Propositions 40 and 50, and Federal funding from various appropriations and/or reauthorization bills, and represents a portion of a larger group of projects that will have to be addressed over a period of years.

Geographically, the projects are spread from Santa Clarita and the San Gabriel foothills, along the County's major rivers and creeks, to Long Beach, Marina del Rey, and the County's beaches. While the projects have been grouped by Supervisorial District (with some of the projects having elements in more than one District), the list must be viewed in its totality. Combined, the projects create a multi-purpose plan for improving watersheds, habitats, beaches and parks, recreational opportunities, as well as public access and safety. Several of the projects have been taken from the Los Angeles River Master Plan. The remaining projects are consistent with watershed plans for the Arroyo Seco, Ballona Creek, Compton Creek, Malibu Creek, Rio Hondo, the San Gabriel River, Sun Valley, Topanga Creek, and the Tujunga Wash. These plans have been

completed, or are being developed, by committees with representatives from all levels of government, environmental groups, other stakeholder groups, and interested citizens.

The projects in Attachment I are broken out into the following categories: Coastal Resources, Marina Del Rey, and Beach Improvement; Parks and Recreation; Transportation and Critical Infrastructure; Watershed Management, Open Space, and Flood Protection; and Water Quality, Recreation and Environmental Protection. This list includes the location of each project by Supervisorial District, the title of the project, the affected County Department, and the cost estimate of each project. There are a total of 65 projects with an estimated combined cost of \$867 million.

In addition to the summary sheet in Attachment I listing the County's comprehensive Public Resource and Infrastructure Projects, we have also included a more detailed project list for each individual category. The project lists are broken out by category and provide a brief description of each project and identifies the County's potential partners for the project. These lists maintain the location of the project by supervisorial district as well as the affected County department and estimated cost of the project. We believe that having a separate list by category, in addition to a summary of all County projects, will allow us to shop for sponsors of projects based on areas of mutual interest, and will allow us to provide various interested parties with a copy of the list(s) of County projects within their areas of concern.

Attachment II is the Coastal Resources, Marina Del Rey, and Beach Improvement Project List and includes seven projects totaling approximately \$24.9 million. Attachment III is the Parks and Recreation Project List and includes 22 projects totaling approximately \$354 million. Attachment IV is the Transportation and Critical Infrastructure Project List and includes seven projects totaling approximately \$202 million. Attachment V is the Watershed Management, Open Space, and Flood Protection Project List and includes 10 projects totaling approximately \$32.6 million. Attachment VI is the Water Quality, Recreation and Environmental Protection Project List and includes 19 projects totaling approximately \$254.2 million.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

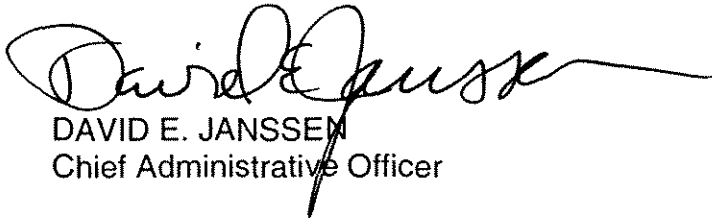
The proposed projects in the County Resources and Infrastructure Projects list are consistent with the County's Strategic Plan Goals, specifically, Organizational Effectiveness and Community Services. Adoption of the proposed projects will allow the CAO and the County's advocates in Sacramento and Washington, D.C. to respond quickly to requests for the County's priority projects, and allow elected officials the opportunity to seek funding for County projects of mutual interest. In addition, adoption will allow pursuit of funding for projects that provide valuable resources to the community, and improve the effectiveness of County services. The projects in this list are also consistent with the policies and goals of both the State and Federal Legislative Agendas. If new priorities arise, or if it is determined that existing priorities need

revision during the middle of the State or Federal Legislative Session, priority judgments will be made by my office in consultation with the affected departments, the Legislative Strategist, the Board Offices, and our Sacramento and Washington, D.C. advocates.

CONCLUSION

The recommended projects contained in letter are submitted for your Board's consideration as the priority projects for our advocacy efforts in Sacramento and Washington, D.C. The projects in this memo are in addition to, and are not intended to be exclusive of, other projects your Board may adopt or pursue. The project list will be updated periodically to reflect subsequent Board actions and administrative adjustments made to the list to address new or revised priorities.

Respectfully submitted,



DAVID E. JANSSEN
Chief Administrative Officer

DEJ:GK
MAL:JF:EW:hg

Attachments

c: County Counsel
Department of Beaches and Harbors
Department of Parks and Recreation
Department of Public Works
Department of Regional Planning

PUBLIC RESOURCE AND INFRASTRUCTURE PROJECTS - 2006/2007

No.	District	Project Title	Department	Cost Estimate (11/05)
COASTAL RESOURCES, MARINA DEL REY, AND BEACH IMPROVEMENT				
	SD3			
1		Will Rogers State Beach Youth Aquatic Center	DBH	\$ 5,000,000
	SD4			
2		Ballona Creek Middle Jetty Beautification	DBH	\$ 3,200,000
3		Dockweiler Bluffs Improvements	DBH	\$ 4,000,000
4		Marina del Rey Youth Aquatic Center - Boathouse	DBH	\$ 3,000,000
	SD3 & SD4			
5		California Coastal Sediment Master Plan	DBH	\$ 900,000
6		Coast of California Storm and Tidal Wave Study	DBH	\$ 826,000
7		Marina del Rey Entrance Channel Maintenance Dredging	DBH	\$ 8,000,000
		<i>Subtotal</i>		\$ 24,926,000
PARKS AND RECREATION				
	ALL			
1		Local and Community Park Acquisition	DPR	\$ 100,000,000
	SD1			
2		San Gabriel River Discovery Center	DPR	\$ 5,000,000
3		Unincorporated Whittier Swimming Complex	DPR	\$ 15,000,000
4		Whittier Narrows Soccer Complex	DPR	\$ 12,000,000
	SD2			
5		Alondra Park Swimming and Skate Complex	DPR	\$ 15,000,000
6		Del Aire & Hellen Keller Parks Community Center Renovations	DPR	\$ 5,000,000
7		Earvin 'Magic' Johnson Park Community Center / Gymnasium	DPR	\$ 5,000,000
8		Kenneth Hahn State Recreation Area Acquisition and Development	DPR	\$ 12,000,000

No.	District	Project Title	Department	Cost Estimate (11/05)
PARKS AND RECREATION				
	SD1 & SD2			
9		Florence Firestone Sport & Aquatic Complex	DPR	\$ 30,000,000
	SD3			
10		El Cariso Universally Accessible Play Area	DPR	\$ 3,500,000
11		Hollywood Bowl Renovations	DPR	\$ 17,000,000
12		John Anson Ford Theatre Renovations	DPR	\$ 7,500,000
13		Open Space Acquisition Projects	DPR	\$ 28,000,000
	SD4			
14		Amigo Park Development	DPR	\$ 3,000,000
15		Hacienda Heights / Rowland Heights Aquatic Center	DPR	\$ 15,000,000
16		Hacienda Heights / Rowland Heights Sports Center	DPR	\$ 15,000,000
17		Hacienda Heights / Rowland Heights Teen Center	DPR	\$ 5,000,000
18		South Coast Botanical Garden Renovations	DPR	\$ 14,000,000
	SD5			
19		Acton Sports Complex	DPR	\$ 6,000,000
20		Aqua Dulce Park Acquisition and Development	DPR	\$ 8,000,000
21		Castaic Lake Area Aquatics Complex	DPR	\$ 15,000,000
22		Castaic Lake Recreation Area Youth Camp / RV Campgrounds	DPR	\$ 18,000,000
		<i>Subtotal</i>	<i>\$</i>	<i>354,000,000</i>
TRANSPORTATION AND CRITICAL INFRASTRUCTURE				
	SD1 & SD4			
1		Nogales Street Grade Separation Project	DPW	\$ 35,000,000
2		State Route 60 Corridor Intelligent Transportation System	DPW	\$ 2,850,000
	SD1 & SD5			
3		San Gabriel Valley Intelligent Transportation System	DPW	\$ 10,000,000
	SD 2, 3, or 5 (TBD)			
4		Demonstration Solid Waste Conversion Technology Facility	DPW	\$ 2,000,000

No.	District	Project Title	Department	Cost Estimate (11/05)
TRANSPORTATION AND CRITICAL INFRASTRUCTURE				
	SD5			
5		Antelope Valley Recycled Water System	DPW	\$ 72,100,000
6		Santa Anita Debris Seismic Modification	DPW	\$ 10,000,000
7		Santa Anita Dam Seismic and Spillway Modification	DPW	\$ 70,000,000
		<i>Subtotal</i>	\$	<i>201,950,000</i>
WATERSHED MANAGEMENT, OPEN SPACE, AND FLOOD PROTECTION				
	ALL			
1		Los Angeles County Drainage Area Stormwater Management Plan	DPW	\$ 500,000
	SD1			
2		Arroyo Seco Watershed Feasibility Study (also in SD5)	DPW	\$ 600,000
	SD3			
3		Sun Valley Watershed Feasibility Study	DPW	\$ 500,000
4		Sun Valley Powerline Easement Project	DPW	\$ 6,000,000
5		Sun Valley Steam Plant Project	DPW	\$ 5,000,000
6		Sun Valley Watershed Strathern Pit Project	DPW	\$ 12,000,000
7		Tujunga Wash Restoration Project - Phase II	DPW	\$ 500,000
	SD4			
8		Coyote Creek Watershed Management Plan	DPW	\$ 1,700,000
9		Wrigley Greenbelt Project	DPW	\$ 1,500,000
	SD5			
-		Arroyo Seco Watershed Feasibility Study (also in SD1)	DPW	
10		Santa Clara River Watershed Study	DPW	\$ 4,300,000
		<i>Subtotal</i>	\$	<i>32,600,000</i>
WATER QUALITY, RECREATION AND ENVIRONMENTAL PROTECTION				
	SD1			
1		Arroyo Seco Restoration - Phase I (also in SD5)	DPW	\$ 1,300,000
2		Laguna Retention Basin	DPW	\$ 3,000,000

No.	District	Project Title	Department	Cost Estimate (11/05)
WATER QUALITY, RECREATION AND ENVIRONMENTAL PROTECTION				
3		Los Angeles River Master Plan Implementation (also in SD2, 3 & 4)	DPW/DPR	\$ 8,000,000
4		San Gabriel River Corridor Projects (also in SD4)	DPW	\$ 22,250,000
5		Water Quality Improvements	DPW	\$ 6,000,000
6		Whittier Narrows Water Quality Improvements	DPR	\$ 5,000,000
	SD2			
7		Compton Creek Beautification	DPW/DPR	\$ 8,000,000
8		Los Angeles River Master Plan Implementation (also in SD1, 3 & 4)	DPW/DPR	\$ 2,050,000
9		Water Quality Improvements	DPW	\$ 27,000,000
	SD3			
10		Beach & Marina del Rey Water Quality Improvements (also in SD4)	DBH/DPW	\$ 3,950,000
11		Los Angeles River Master Plan Implementation (also in SD1, 2 & 4)	DPW/DPR	\$ 14,400,000
12		North Santa Monica Bay Regional Watersheds Implementation Plan	DPW	\$ 12,500,000
13		Sun Valley Watershed Management - Phase I	DPW/DPR	\$ 72,000,000
14		Tujunga Wash Restoration - Phase II	DPW	\$ 7,500,000
	SD4			
15		Beach & Marina del Rey Water Quality Improvements (also in SD3)	DBH/DPW	\$ 26,275,000
16		Los Angeles River Master Plan Implementation (also in SD1, 2 & 3)	DPW/DPR	\$ 2,000,000
17		San Gabriel River Corridor Projects (also in SD1)	DPW	\$ 1,500,000
	SD5			
18		Arroyo Seco Restoration - Phase I (also in SD1)	DPW	\$ 26,500,000
19		Santa Clara River Park	DPR	\$ 5,000,000
		<i>Subtotal</i>	\$	<i>254,225,000</i>
		TOTAL	\$	867,701,000

LOS ANGELES COUNTY

**COASTAL RESOURCES, MARINA DEL REY, AND BEACH IMPROVEMENT
PROJECT LIST**

THIRD DISTRICT

1. Will Rogers State Beach Youth Aquatic Center **\$ 5,000,000**

This is the construction of a second regional aquatic youth center at Will Rogers State Beach to serve the County's W.A.T.E.R. Youth Program. The first youth center is under development on Dockweiler State Beach in the Fourth District, and a third will be built to serve youth boating and marine programs in Marina del Rey. Each facility will offer different coastal educational experiences serving the entire County.

- County Responsibility: Beaches and Harbors, Fire Department/Lifeguard Division
- Potential/Existing Partners: State Parks and Recreation, State Coastal Conservancy, Santa Monica Bay Restoration Commission, Environmental Groups

FOURTH DISTRICT

2. Ballona Creek Middle Jetty Beautification **\$ 3,200,000**

This project will support an ongoing collaborative (federal/state/local) effort to enhance Ballona Creek, the South Bay Bicycle trail, and adjacent open space, by providing habitat enhancement for migratory birds, as well as interpretive facilities for freshwater and saltwater environments, while improving public safety along a heavily used flood control channel in a densely developed, but underserved urban area.

- County Responsibility: Beaches and Harbors
- Potential/Existing Partners: Army Corps of Engineers, City of Los Angeles, Culver City, State Coastal Conservancy, Other State Agencies, Environmental Groups

3. Dockweiler Bluffs Improvements

\$ 4,000,000

This project will improve three miles of bluff, at a State-owned beach west of LAX by providing a new sidewalk, storm drain/water quality improvements, new stairs and ADA access ramps, as well as erosion control through restoration of native plants and a retaining wall at the base of the bluff. The project will complement a County-funded \$10.9 million beach refurbishment project, involving restrooms, concessions, lifeguard and maintenance facilities, and parking lots, which is currently under construction.

- County Responsibility: Beaches and Harbors
- Potential/Existing Partners: City of Los Angeles, Los Angeles World Airports, State Coastal Conservancy, Santa Monica Bay Restoration Commission, Environmental Groups

4. Marina Del Rey Youth Aquatic Center-Boathouse

\$ 3,000,000

This project is the construction of the first phase boathouse as part of the planned Marina del Rey Aquatic Center. As planned, the Boathouse will contain 15,000 square feet for storage of up to 450 boats of varying sizes. The new facility will serve as the nucleus of boating-related activities for the County's W.A.T.E.R. Youth Program, and will provide boating instruction, boat rentals, and space for clubs, universities and high schools to store boats for easy still-water access and programming. This project represents the first phase of the construction of a third regional aquatic youth center at Marina del Rey to serve the County's W.A.T.E.R. Youth Program. The first youth center is under development on Dockweiler State Beach, also in the Fourth District, and a second youth center for beach-oriented activities is proposed at Will Rogers State Beach, in the Third District. Each facility will offer different coastal educational experiences serving the entire County.

- County Responsibility: Beaches and Harbors
- Potential/Existing Partners: Department of Boating and Waterways, State Coastal Conservancy, Other State Agencies, Local Universities, Local Boating/Rowing Groups

THIRD AND FOURTH DISTRICTS

5. California Coastal Sediment Master Plan

\$ 900,000

To ensure proper management and protection of California's coastal resources through informed decisions and planning, it is critical that the Army Corps of Engineers (Corps) conduct a study to produce a California Coastal Master Plan. The Corps will need \$900,000 to continue the cost-shared feasibility study in FY 2007, which will include an intensive data collection effort, with development of Geographic Information System

(GIS) applications to manage the voluminous data and to develop GIS based sediment models in collaboration with local research universities.

- County Sponsor: Beaches and Harbors
- Potential/Existing Partners: Army Corps of Engineers, State Resources Agency, California Coastal Commission, Department of Boating and Waterways, Public Works

6. Coast of California Storm and Tidal Wave Study

\$ 826,000

The Army Corps of Engineers' (Corps) Coast of California Storm and Tidal Wave Study (CCSTWS) is critical to a long-term management plan for beaches, as it will assess long-term shoreline changes based on actual data and numeric models, and provide coastal processes information needed to plan and design future shore protection and beach replenishment projects. After only receiving \$100,000 in FY 2006, the Corps will need \$826,000 in FY 2007 to complete the final year of the CCSTWS, which is being cost-shared by the County (with State assistance), to analyze oceanographic conditions, complete the analyses of coastal processes, and to develop better prediction techniques for determining future shoreline changes.

- County Sponsor: Beaches and Harbors
- Potential/Existing Partners: Army Corps of Engineers, State Resources Agency, Department of Boating and Waterways, Public Works

7. Marina del Rey Entrance Channel Maintenance Dredging

\$ 8,000,000

The Army Corps of Engineers' efforts to dredge the Marina del Rey main and entrance channels in FY 2007 is critical to keep the channels navigable. The FY 2006 appropriation did not provide enough funding to dredge on its normal five-year cycle and winter storms are expected to exacerbate the already dangerous problems. Therefore, the County will request \$8,000,000 in FY 2007 for construction of dredging and the disposal of dredge material from the Marina del Rey main and entrance channels. It is estimated that at least 42% of sediments dredged from the south entrance channel may be contaminated and a portion of funds will be used to develop a storage, treatment and reuse (STAR) facility to offer an innovative solution to contaminated dredge material handling and disposal for Marina del Rey sediments.

- County Sponsor: Beaches and Harbors
- Potential/Existing Partners: Army Corps of Engineers, State Lands Commission, State Coastal Commission, State Coastal Conservancy, State Resources Agency, National Oceanic and Atmospheric Administration/Montrose Settlement Restoration Program

LOS ANGELES COUNTY

PARKS AND RECREATION PROJECT LIST

ALL DISTRICTS

1. Local and Community Park Acquisition

\$ 100,000,000

This program is intended to reduce the deficiency in parkland throughout the County unincorporated areas by identifying targets of opportunity for acquisition of suitable land through fee purchase of the property or the redevelopment of underutilized land through a long term lease agreement. The significant funding required to implement this program is intended to be provided in the next State Bond Act through a specified allocation to the County for the acquisition and development of neighborhood and community parks and facilities.

The adopted Strategic Asset Management Plan (SAMP) for 2020 shows that the Department of Parks and Recreation provides 558 acres of local parkland for the residents of the County. Based on a County General Plan standard of 4 acres of local parkland per 1000 residents, this represents a deficiency of 4,618 acres, or 88% short of meeting the standard. The parkland deficiency is described in the SAMP as distributed fairly evenly throughout the Supervisorial Districts. To meet the projected 2020 demand, local parkland and recreation facilities are needed in areas such as, East L. A. and Whittier Narrows in District 1; West Carson, and Florence/Firestone in District 2; West and South Whittier in District 4; and East Pasadena/East San Gabriel in District 5. Currently, there are no local parks in District 3 and at least one centrally located park should be acquired to provide active recreation amenities.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: State of California, Trust for Public Land, San Gabriel Rivers and Mountains Conservancy, Los Angeles Unified School District, Los Angeles County Office of Education, Baldwin Hills and Santa Monica Mountains Conservancy

FIRST DISTRICT

2. San Gabriel River Discovery Center

\$ 5,000,000

This project will construct a new education/interpretive center within the natural area at Whittier Narrows Recreation Area. The proposed Discovery Center would replace the existing nature center at the park and allow for expanded educational and interpretive programs focused on the San Gabriel River and the conservation of water resources.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC), Upper San Gabriel Valley Municipal Water District, Central Basin Water Districts Municipal Water District Sierra Club.

3. Unincorporated Whittier Swimming Complex

\$ 15,000,000

This project will acquire and develop a regional swimming and sports complex in the unincorporated Whittier area. Approximately two acres will be acquired to provide for the construction of a 25,000 sq. ft. building containing an Olympic size pool, training and support facilities.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: State and Local Agencies, School Districts

4. Whittier Narrows Soccer Complex

\$ 12,000,000

This project will develop a regional soccer complex on existing Army Corps of Engineers' land within Whittier Narrows Recreation Area. The project will provide 12 fields on approximately 50 acres for tournament play. The training academy will also be developed.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, American Youth Soccer Association, California Soccer Association.

SECOND DISTRICT

5. Alondra Park Swimming and Skate Complex

\$ 15,000,000

This project will replace the existing and aging swimming area at the park with the development of swimming and skate complex.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: State and Local Agencies, Non-profit Organizations, School Districts

**6. Del Aire and Helen Keller Parks
Community Center Renovations**

\$ 5,000,000

This project will renovate the existing and aging community center within the parks to allow for expanded recreational programming and to accommodate the growing needs of community leisure services.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: State and Local Agencies, Non-profit Organizations, School Districts

**7. Earvin "Magic" Johnson Park
Community Center/Gymnasium**

\$ 5,000,000

This project will allow for the construction of up to a 10,000 square foot community center/gymnasium within the existing footprint of the park. This will allow for expanded recreation programming and accommodate the growing needs for community leisure services.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: State and Local Agencies, Non-profit Organizations, School Districts

**8. Kenneth Hahn State Recreation Area
Acquisition and Development**

\$ 12,000,000

This project will acquire and develop up to 100 acres of land within the Board approved boundary of Kenneth Hahn State Recreation Area. Development would include passive use recreation areas and infrastructure improvements.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Baldwin Hills Conservancy

FIRST AND SECOND DISTRICTS

9. Florence Firestone Sports & Aquatic Complex

\$ 30,000,000

This project will acquire property and develop a regional swimming and sports complex in the Florence Firestone area. Approximately 3-5 acres will be acquired to provide for the construction of a 50,000 sq. ft. building containing an Olympic size pool (50 x 25 meters), a therapeutic pool, training and support facilities.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: State and Local Agencies, School Districts

THIRD DISTRICT

10. El Cariso Park Universally Accessible Play Area and Park Renovations

\$ 3,500,000

This project allows for the construction of a universally accessible play area and park renovations including, but not limited to swimming pool renovations, community center upgrades and infrastructure improvements.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Mission College, School Districts

11. Hollywood Bowl Renovations

\$ 17,000,000

This project includes the continued and on-going renovations to preserve and enhance a major historic facility as a culturally significant landmark in California.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Non-profit and Civic Organizations, Los Angeles Philharmonic Foundation

12. John Anson Ford Theatre Renovations

\$ 7,500,000

This project will continue the upgrade and renovation of the existing theatre area to include, but it would not be limited to Americans with Disabilities Act (ADA) accessibility improvements, sound system upgrades and infrastructure improvements.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Los Angeles County Performing Arts Commission, Non-profit and Civic Organizations

13. Open Space Acquisition Projects

\$ 28,000,000

These projects allow for the identification, acquisition, preservation, and protection of Significant Ecological Areas (SEAs) within this portion of the County. A detailed work program has identified potential opportunities.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: The Santa Monica Mountains Conservancy, Mountains Restorations Trust, Trust for Public Lands

FOURTH DISTRICT

14. Amigo Park Development

\$ 3,000,000

This project will complete the development of the park through improvements, including but not limited to outdoor sports activities and passive usage.

- County Responsibility: Parks and Recreation
- Potential Partners: Youth Sports Organizations, School Districts, Non-profit and Civic Organizations

15. Hacienda Heights/Rowland Heights Aquatics Complex

\$ 15,000,000

This project allows for the acquisition, development and construction of up to a 25,000 sq. ft. community aquatics complex. This portion of the unincorporated area of the County is deficient in any aquatic-like facilities. This project will allow for the expansion of safety education, recreational and therapeutic programming.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: School Districts, Hospitals, Non-profit and Civic Organizations, Improvement Associations

16. Hacienda Heights/Rowland Heights Sports Complex

\$ 15,000,000

This project will allow for the acquisition, development and construction of up to a 12,000 sq. ft. gymnasium youth sports facilities. This portion of the unincorporated area of the County is severely deficient in indoor recreational facilities. This program allows for the development of health and wellness activities and the expansion of youth sports programs within the community.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: School Districts, Hospitals, Non-profit and Civic Organizations, Improvement Associations

17. Hacienda Heights/Rowland Heights Teen Center

\$ 5,000,000

This project will allow for a facility to be developed on existing parkland within this unincorporated community of the County. Currently, there exists no facility within the community emphasizing recreation, leisure, and life-long learning opportunities for teens.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: School Districts, Hospitals, Transportation Agencies, Non-profit and Civic Organizations

18. South Coast Botanic Garden Renovations**\$ 14,000,000**

This project will allow the complete renovation of the existing water elements and botanical displays. The current condition of the facility has greatly deteriorated as the facility continues to settle due to conditions caused by the original landfill. This facility has cultural significance to the unincorporated area of the community.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Friends of South Coast Botanic Gardens, School Districts, Non-profit and Civic Organizations

FIFTH DISTRICT**19. Acton Sports Complex****\$ 6,000,000**

This project will allow for the acquisition, development and construction of up to an 8,000 sq. ft. community sports complex. This will expand health, wellness, recreation, and leisure opportunities where no facilities exist.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: School Districts, Non-profit and Civic Organizations

20. Agua Dulce Park Acquisition and Development**\$ 8,000,000**

This project will allow the acquisition, design, development, and construction of a local community park. Design and development will include outdoor recreational opportunities, outdoor sports programming, and passive use.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Youth Sports Organizations, Non-profit and Civic Organizations, School Districts

21. Castaic Lake Area Aquatics Complex**\$ 15,000,000**

This project allows for the acquisition, development and construction of up to a 25,000 sq. ft. community aquatics complex. This portion of the unincorporated area of the County is deficient in any aquatic-like facilities. This project will allow for the expansion of safety education, recreational and therapeutic programming.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: School Districts, Hospitals, Non-profit and Civic Organizations, Improvement Associations

22. Castaic Lake Recreation Area Youth/RV Campgrounds

\$ 18,000,000

This project allows for the development, renovation and expansion of two existing campgrounds. The existing RV campground has minimal infrastructure and cannot meet the demand created by use. The existing youth campground cannot currently be used due to non-compliance with regulation and safety codes and is therefore closed for public usage.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: State and Local Agencies, Youth Sports Organizations, Non-profit and Civic Organizations

LOS ANGELES COUNTY

TRANSPORTATION AND CRITICAL INFRASTRUCTURE PROJECT LIST

FIRST AND FOURTH DISTRICTS

1. Nogales Street (LA Subdivision) Grade Separation Project **\$ 35,000,000**

This project involves the lowering of Nogales Street beneath Union Pacific Railroad's Los Angeles Subdivision tracks. Retaining walls will support the excavation for the highway underpass between San Jose Avenue and Gale Avenue. A railroad bridge supporting the two existing mainline tracks will be constructed. Additional abutment substructures will be constructed to support any future railroad bridge needed to support additional future tracks. The project also involves substantial right of way acquisition and utility relocations.

- County Sponsor: Public Works
- Potential/Existing Partners: Alameda Corridor-East Construction Authority, City of Industry, Federal Highway Administration, State of California Department of Transportation, Union Pacific Railroad

2. State Route 60 Corridor Intelligent Transportation System **\$ 2,850,000**

The County of Los Angeles, in cooperation with the City of Diamond Bar and other agencies in the 42nd Congressional District, is working on an arterial-based Intelligent Transportation System Integration project. This multi-jurisdictional project will help to reduce congestion and enhance mobility during non-recurring and event traffic congestion. The Conceptual Design of the project is complete and detailed design, construction and implementation phases have been initiated. The primary component of the ITS project is a multi-jurisdictional Advanced Traffic Management System which includes the hardware and software necessary to allow monitoring, controlling, and coordinating of traffic signal operations from a remote location, such as a City Hall or Maintenance Yard. The Project also includes the deployment of the County's Information Exchange Network (IEN). The IEN software provides an inter-jurisdictional data-sharing component, and enables control and monitoring functions between each

Agency's ATMS. The monitoring and control function will also provide for the implementation of arterial traffic management strategies.

- County Sponsor: Public Works
- Potential/Existing Partners: Metropolitan Transportation Authority, Cities of Pomona, Diamond Bar, Walnut, San Dimas, La Verne, Claremont, Industry

FIRST AND FIFTH DISTRICTS

3. San Gabriel Valley Intelligent Transportation System **\$ 10,000,000**

The County of Los Angeles, in cooperation with the cities in the San Gabriel Valley is working on an arterial-based Intelligent Transportation System Integration project. This multi-jurisdictional project will help to reduce congestion and enhance mobility during non-recurring and event traffic congestion. The Conceptual Design of the project is nearly complete and this report indicates an additional \$10 million in funding is required to fully implement the project in the various agencies. The primary component of the ITS project is a multi-jurisdictional Advanced Traffic Management System (ATMS). The ATMS will include the hardware and software necessary to allow monitoring, controlling, and coordinating of traffic signal operations from a remote location, such as a City Hall or Maintenance Yard. The Project also includes the deployment of the County's Information Exchange Network (IEN). The IEN software provides an inter-jurisdictional data-sharing component, and enables control and monitoring functions between each Agency's ATMS.

- County Sponsor: Public Works
- Potential/Existing Partners: Metropolitan Transportation Authority, Cities of Alhambra, Arcadia, Azusa, Baldwin Park, Covina, Duarte, El Monte, Glendora, Irwindale, La Puente, Monrovia, Montebello, Monterey Park, Pasadena, Rosemead, San Gabriel, San Marino, South El Monte, South Pasadena, Temple City, West Covina

SECOND, THIRD, OR FIFTH DISTRICT

4. Demonstration Solid Waste Conversion Technology Facility **\$ 2,000,000** (SD 2, 3 or 5 TBD – may also be in Ventura or Riverside County)

Develop a demonstration facility capable of converting residual (post-recycled) solid waste into variety of useable products including electrical and thermal energy, renewable fuels such as ethanol and Biodiesel, and/or into solvents or other products. The total project cost is estimated to be between five and 10 million dollars and will primarily impact residents residing in the vicinity of the project location which will be at

one of six selected MRFs (Material Recovery Facilities) in Southern California. It is projected that the project will be completed by late 2009, and can be done in a series of overlapping phases throughout the next 3 years.

- County Sponsor: Public Works
- Potential/Existing Partners: US Environmental Protection Agency, California Integrated Waste Management Board, County Sanitation Districts, Bioenergy Producers Association, Waste Management, Bellflower, Calabasas, West Covina, Paramount, Covina, Rosemead, Hemet, Arcadia, City of Los Angeles, County of Riverside, San Gabriel Valley Council of Governments, California State Association of Counties, Southern California Association of Governments, Riverside County Waste Management Department, County of Orange, Regional Council of Rural Counties, California Rice Commission, League of California Cities, California State Pipe Trades Council, California State Association of Electrical Workers, Western States Council of Sheet Metal Workers, and Alternative Technology Advisory Committee made up of representatives from the California Integrated Waste Management Task Force, City of Los Angeles Bureau of Sanitation, Bioenergy Producers Association, County of Los Angeles Department of Health Services, Los Angeles County Integrated Waste Management Task Force, Theroux Environmental Consulting, Eugene Tseng and Associates, Hacienda Heights Improvement Association, Los Angeles County Sanitation Districts

FIFTH DISTRICT

5. Antelope Valley Recycled Water System

\$ 72,100,000

This project involves the design and construction of a recycled water system for the Antelope Valley. The project is to be constructed in four phases and will include approximately 35 miles of 14-inch to 42-inch diameter pipelines, four pump stations, and three storage reservoirs.

- County Sponsor: Public Works
- Potential/Existing Partners: Cities of Palmdale, Lancaster, County Sanitation Districts 14 and 20, Antelope Valley East Kern Water Agency, Palmdale Water District, State Water Resources Control Board, United States Department of the Interior (Bureau of Reclamation)

6. Santa Anita Debris Basin Seismic Modification

\$ 10,000,000

This project proposes to rehabilitate Santa Anita Debris Dam for seismic deficiencies as required by the State Department of Water Resources Division of Safety of Dams (DSOD). The debris basin, along with the upstream Santa Anita Dam, provides flood/debris protection to the Santa Anita Wash and protects an inundation area that overlaps portions of the Cities of Arcadia, Monrovia, and Temple City. The proposed

modification will result in a safer dam and will remove operational restrictions to allow more water conservation. The Cities of Arcadia and Sierra Madre are interested in the completion of this project as it will enhance their capabilities to conserve additional water within the East Raymond Basin, a source of water supply for the cities. The project cost for the Santa Anita Debris Basin Seismic Modification is approximately \$10 million. The project must be approved by the State Division of Safety of Dams and the Corps of Engineers, which constructed the debris basin and transferred operation and maintenance to the County.

- County Sponsor: Public Works
- Potential/Existing Partners: Cities of Arcadia, Sierra Madre, Monrovia, Temple City

7. Santa Anita Dam Seismic and Spillway Modification

\$ 70,000,000

This project proposes to rehabilitate Santa Anita Dam for seismic deficiencies as required by the State Department of Water Resources Division of Safety of Dams (DSOD). The dam provides flood/debris protection to the Santa Anita Wash and protects an inundation area that overlaps portions of the cities of Arcadia, Monrovia, and Temple City. The project also includes modifying the spillway of Santa Anita Dam to accommodate DSOD mandated Probable Maximum Precipitation flow rate. The proposed modifications will result in a safer dam and will remove operational restrictions to allow more water conservation. The cities of Arcadia and Sierra Madre are interested in the completion of this project as it will enhance their capabilities to conserve additional water within the East Raymond Basin, a source of water supply for the cities. The project must be approved by the State Division of Safety of Dams.

- County Sponsor: Public Works
- Potential/Existing Partners: Cities of Arcadia, Sierra Madre, Monrovia, Temple City

LOS ANGELES COUNTY

**WATERSHED MANAGEMENT, OPEN SPACE, AND
FLOOD PROTECTION PROJECT LIST**

ALL DISTRICTS

1. Los Angeles County Drainage Area(LACDA) **\$ 500,000**
Stormwater Management Plan

The LACDA project, completed by the Army Corps of Engineers and the Los Angeles County Flood Control District in 2001 alleviated severe flood hazard potential by increasing the capacity of the lower Los Angeles River system. As development and land use changes continue in the watershed, this plan is being developed to effectively manage stormwater to ensure that the adequate level of flood protection is met in the future. The estimated project cost is \$1.5 million.

- County Sponsor: Public Works
- Potential/Existing Partners: Army Corps of Engineers

FIRST DISTRICT

(Also in the Fifth District)

2. Arroyo Seco Watershed Feasibility Study **\$ 600,000**

This is a Watershed Feasibility Study of the 47-square-mile watershed being prepared by the Army Corps of Engineers. The County is the lead local sponsor with other local agencies as funding partners. The Study will focus on (1) restoration of the natural hydrologic functioning of the watershed, (2) management of water resources and water quality improvement, (3) habitat restoration, and (4) improved recreational opportunities and open space. The total estimated cost is \$2,849,000 over several years.

- County Sponsor: Public Works
- Potential/Existing Partners: Army Corps of Engineers, Pasadena, La Canada Flintridge, City of Los Angeles, South Pasadena, Raymond Basin Management Board

THIRD DISTRICT

3. Sun Valley Watershed Feasibility Study

\$ 500,000

The Sun Valley Watershed is located approximately 14 miles northwest of downtown Los Angeles. This is a watershed feasibility study being prepared by the Army Corps of Engineers on the Sun Valley Watershed, which is a 2,800-acre (4.4 square mile) urban watershed tributary to the Los Angeles River. This study will continue the investigation of environmental restoration, water quality improvement, flood mitigation, and other related issues within the Sun Valley watershed. The Los Angeles County Flood Control District, represented by the County of Los Angeles Department of Public Works, is the lead local sponsor for the feasibility study and will work with other stakeholders to provide the required local funding. The total project cost is approximately \$3 million over several years.

- County Sponsor: Public Works
- Potential/Existing Partners: City of Los Angeles, Army Corps of Engineers

4. Sun Valley Powerline Easement Project

\$ 6,000,000

Located at the southern edge of the Los Angeles River Watershed, this project presents an opportunity to capture approximately 700 acre-ft of the watershed's stormwater runoff each year before it is lost to a storm drain and potentially pollutes the Los Angeles River. The project utilizes the area between powerline towers to treat and infiltrate the captured stormwater. In addition, this multi-use project will provide much needed habitat and recreational enhancements in this dense urban environment. This is implemented with swales, sedimentation basins, and infiltration basins. Funds will be used towards project construction.

- County Sponsor: Public Works
- Potential/Existing Partners: Los Angeles Bureau of Sanitation, City of Los Angeles Department of Recreation and Parks, City of Los Angeles, Los Angeles Department of Water and Power

5. Sun Valley Steam Plant Project

\$ 5,000,000

This project will reduce downstream pollution and flooding by collecting, treating, and infiltrating the stormwater runoff generated by this 155-acre site. Stormwater runoff will be captured, conveyed through a treatment system to improve water quality, and pumped to the nearby Hansen Spreading Grounds for groundwater recharge. Funds will be used towards project construction.

- County Sponsor: Public Works
- Potential/Existing Partners: Los Angeles Bureau of Sanitation, City of Los Angeles, Los Angeles Department of Water and Power

6. Sun Valley Watershed Strathern Pit Project

\$ 12,000,000

This 30-acre site will enhance water quality, provide flood protection, create habitat, recharge groundwater, and provide recreational and water reuse opportunities. These benefits would be realized by acquiring the land and capturing upstream runoff, conveying the water through a treatment and wetland system, and then pumping the treated water to the nearby Tujunga Spreading Grounds for infiltration or to a nearby facility for water reuse. Funds will be used towards project construction.

- County Sponsor: Public Works
- Potential/Existing Partners: City of Los Angeles Department of Recreation and Parks, Los Angeles Bureau of Sanitation, City of Los Angeles

7. Tujunga Wash Restoration Project – Phase II

\$ 500,000

This is a Detailed Project Report (DPR) being prepared by the Army Corps of Engineers for the Tujunga Wash Restoration Project, Phase II along approximately 3/4 miles of the Tujunga Wash within the City of Los Angeles. The project will create a naturalized streamcourse along the west bank of the channel. In addition, trees, shrubs, and perennials within and alongside the project reach will be planted. Passive recreational pathways will be constructed to complement the project. This project will connect to another streamcourse along the west bank of the Tujunga Wash at the southern end of the project. Together, over 10,000 feet of riparian habitat will be created in a highly urbanized setting, providing increased groundwater replenishment, improved water quality and aesthetics, and enhanced habitat value in an area greatly in need of these improvements. The total project cost is estimated at \$5 million.

- County Sponsor: Public Works
- Potential/Existing Partners: Army Corps of Engineers, City of Los Angeles

FOURTH DISTRICT

8. Coyote Creek Watershed Management Plan

\$ 1,700,000

This is a Watershed Feasibility Study being prepared by the Army Corps of Engineers. Orange County is the lead local sponsor and the Los Angeles County Flood Control District is a partner with several other local agencies. The study will provide a blueprint for integrating and balancing the physical and biological systems within the watershed to enhance habitat, improve water quality, and encourage greater cooperation between public and private agencies and aid in flood protection. The study is estimated to cost \$3.4 million over several years.

- County Sponsor: Public Works
- Potential/Existing Partners: Army Corps of Engineers, County of Orange, State Water Resources Control Board, State of California Coastal Conservancy, San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, Seal Beach,

Los Alamitos, Cypress, La Palma, Buena Park, Anaheim, Placentia, Fullerton, Brea, La Habra, Long Beach, Hawaiian Gardens, Lakewood, Artesia, Cerritos, La Mirada, Norwalk, Santa Fe Springs, Whittier, La Habra Heights, Diamond Bar

9. Wrigley Greenbelt Project

\$ 1,500,000

This project would enhance an open space area on the east side of the Los Angeles River with native landscaping, water quality Best Management Practices, multipurpose trails, demonstration gardens, educational signage, and other recreational amenities. The project will complement the Los Angeles County Drainage Area Project improvements and will provide a resting stop for bicyclists along the Los Angeles River bike trail. Funds will be used towards project construction.

- County Sponsor: Public Works
- Potential/Existing Partners: City of Long Beach

FIFTH DISTRICT

Arroyo Seco Watershed Feasibility Study

\$ 600,000

(Also in the First District)

This is a Watershed Feasibility Study of the 47-square-mile watershed being prepared by the Army Corps of Engineers. The County is the lead local sponsor with other local agencies as funding partners. The Study will focus on (1) restoration of the natural hydrologic functioning of the watershed, (2) management of water resources and water quality improvement, (3) habitat restoration, and (4) improved recreational opportunities and open space. The total estimated cost is \$2,849,000 over several years.

- County Sponsor: Public Works
- Potential/Existing Partners: Army Corps of Engineers, Pasadena, La Canada Flintridge, City of Los Angeles, South Pasadena, Raymond Basin Management Board

10. Santa Clara River Watershed Study

\$ 4,300,000

This is a Watershed Feasibility Study of the Santa Clara River being prepared by the Army Corps of Engineers. Los Angeles County Flood Control District is a co-local lead with Ventura County. The study will identify flooding and regional flooding solutions, erosion and sedimentation problems, opportunities to improve water quality and analyze the benefits of restoring riparian habitat. Ventura County will contribute \$2.2 million towards this study. The estimated cost of the study is \$8.2 million over several years.

- County Sponsor: Public Works
- Potential/Existing Partners: Army Corps of Engineers, Ventura County Watershed Protection District

LOS ANGELES COUNTY

**WATER QUALITY, RECREATION AND ENVIRONMENTAL PROTECTION
PROJECT LIST**

FIRST DISTRICT

1. Arroyo Seco Restoration – Phase I **\$ 1,300,000**
(Also in the Fifth District)

This is an estimate of the First District portion of a \$50 million pilot project involving concrete removal and habitat restoration. It is the first phase of a larger project that will lead to reduced storm-water pollution, improved groundwater supplies, and the aesthetic, environmental, and recreational benefits of a naturally functioning stream.

- County Responsibility: Public Works
- Potential/Existing Partners: Cities of Los Angeles, Pasadena, South Pasadena, and La Canada Flintridge, Army Corps of Engineers, State Agencies, Environmental Groups, Homeowner Groups

2. Laguna Retention Basin Project **\$ 3,000,000**

The project will transform the Laguna Retention Basin area into a space for not only flood protection but also active and passive recreation, connecting open spaces in transit access points through pedestrian and bike trails, native landscaping and community gardening, educational, and interpretive sites.

- County Responsibility: Public Works
- Potential/Existing Partners: State Agencies, Environmental Groups

3. Los Angeles River Master Plan Implementation **\$ 8,000,000**
(Also in the Second, Third and Fourth Districts)

This is an estimate for the projects in the First District that are part of the nearly \$74 million in L.A. River projects included in this list. The Los Angeles River is a 51-mile concrete flood control channel constructed by the Army Corps of Engineers. The Master Plan multi-use projects involve landscaping and beautification, habitat restoration, expanded recreational opportunities, water quality improvement, and flood mitigation. Some of the projects have already been funded and built. The remaining

overall plan includes 47 individual projects, totaling about \$200 million, including the Tujunga Wash Restoration Project, which is shown separately in this list.

- County Responsibility: Public Works/Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, Cities, State Agencies, Environmental Groups, Homeowners Groups, Businesses

4. San Gabriel River Corridor Projects

\$ 22,250,000

(Also in the Fourth District)

The San Gabriel River is a 58-mile flood-control channel that is soft bottom for 48 miles and concrete lined for 10 miles. The San Gabriel River Master Plan proposes 134 multi-use projects that focus on recreation, habitat, natural area, water quality, water conservation, and flood mitigation enhancement opportunities. This is an estimate for an initial set of projects such as: construction of the Woodland Duck Farm, a park in the San Gabriel Canyon Spreading Grounds, bike trail bridge linkages and enhancements, restoration of Lario Creek, design and construction of a gateway at Valley Boulevard and the San Gabriel River, and Paseo del Rio at San Gabriel Coastal Spreading Grounds, a multi-objective 128-acre project.

- County Responsibility: Public Works
- Potential/Existing Partners: Army Corps of Engineers, National Park Service, National Forest Service, State Agencies, Cities, Environmental Groups, Homeowners Associations, Businesses

5. Water Quality Improvements Projects

\$ 6,000,000

This is an estimate to install water quality improvement devices such as low-flow diversions and full capture trash systems to address Bacterial and Trash Total Maximum Daily Loads (TMDLs) in the First District area.

- County Responsibility: Public Works
- Potential/Existing Partners: State Agencies, Environmental Groups

6. Whittier Narrows Water Quality Improvements

\$ 5,000,000

Renovation of the 70 acre lakes and public recreation facilities, removal of failing septic systems, and elimination of safety hazards at a 1,400 acre park built on an Army Corps of Engineers' flood control facility, which will reduce storm water and groundwater pollution, and improve lake water quality, eliminate water loss, and improve recreation and public safety.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, State Agencies, Environmental Groups

SECOND DISTRICT

7. Compton Creek Beautification

\$ 8,000,000

This project will support a current collaborative effort to develop parks, bike and equestrian trails, and green/open space, as well as systems to trap trash, debris and pollutants, along the 8.6 miles of blighted flood control channel, located in a densely developed, but underserved urban area.

- County Responsibility: Public Works/Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, City of Compton, State Agencies, Environmental Groups, Homeowner Groups

8. Los Angeles River Master Plan Implementation

\$ 2,050,000

(Also in the First, Third and Fourth Districts)

This is an estimate for the projects in the Second District that are part of the nearly \$74 million in L.A. River projects included in this list. The Los Angeles River is a 51-mile concrete flood control channel constructed by the Army Corps of Engineers. The Master Plan multi-use projects involve landscaping and beautification, habitat restoration, expanded recreational opportunities, water quality improvement, and flood mitigation. Some of the projects have already been funded and built. The remaining overall plan includes 47 individual projects, totaling about \$200 million, including the Tujunga Wash Restoration Project, which is shown separately in this list.

- County Responsibility: Public Works/Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, City of Compton, State Agencies, Environmental Groups, Homeowner Groups

9. Water Quality Improvements Projects

\$ 27,000,000

This is an estimate to work with area residents in the Second District to install water quality improvement devices such as cisterns, low-flow diversions, and full capture trash systems.

- County Responsibility: Public Works
- Potential/Existing Partners: State Agencies, Environmental Groups

THIRD DISTRICT

10. Beach and Marina Water Quality Improvements

\$ 3,950,000

(Also in the Fourth District)

This is an estimate for the Third District portion of this project, which will install water quality improvement devices throughout the North Santa Monica Bay, including low-flow

diversions and filters in storm drains and at all beach and Marina parking lots to clean water deposited on beaches and the Marina and the Santa Monica Bay.

- County Responsibility: Public Works/Beaches and Harbors
- Potential/Existing Partners: State Agencies, Santa Monica Bay Restoration Commission, Environmental Groups

11. Los Angeles River Master Plan Implementation

\$ 14,400,000

(Also in the First, Second and Fourth Districts)

This is an estimate for the projects in the Third District that are part of the nearly \$74 million in L.A. River projects included in this list. The Los Angeles River is a 51-mile concrete flood control channel constructed by the Army Corps of Engineers. The Master Plan multi-use projects involve landscaping and beautification, habitat restoration, expanded recreational opportunities, water quality improvement, and flood mitigation. Some of the projects have already been funded and built. The remaining overall plan includes 47 individual projects, totaling about \$200 million, including the Tujunga Wash Restoration Project, which is shown separately in this list.

- County Responsibility: Public Works/Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, Cities, State Agencies, Environmental Groups, Homeowners Groups, Businesses

12. North Santa Monica Bay Regional Watersheds Implementation Plan

\$ 12,500,000

The North Santa Monica Bay Watersheds (NSMBW) Task Force is working collaboratively to develop and implement a Regional Watersheds Implementation Plan to comply with the National Pollutant Discharge Elimination System (NPDES) Permit, Total Maximum Daily Loads (TMDLs), and AB 885, which deals with septic system management. The North Santa Monica Bay Watersheds collectively are 200 square miles which includes Malibu Creek, Topanga Creek, and other rural Santa Monica Mountains Watersheds. The project includes development of the Regional Watersheds Implementation Plan (RWIP), implementation of projects and programs identified in the RWIP, and inventory of the on-site wastewater treatment systems.

- County Responsibility: Public Works, Health Services, Chief Administrative Officer, Beaches and Harbors, Parks and Recreation, Regional Planning, Fire, Sheriff, and Agricultural/Weights and Measures
- Potential/Existing Partners: Cities of Malibu, Westlake Village, Agoura Hills, Calabasas, and Thousand Oaks, Ventura County, Ventura Watershed Protection

13. Sun Valley Watershed Management – Phase I**\$ 72,000,000**

This is the first phase of a \$200 million project to improve the quality of life for citizens in a highly developed, residential and industrial urban area, using structural and non-structural watershed management techniques, which will provide improved groundwater retention, flood hazard mitigation, pollution reduction, recreational opportunities, and open space.

- County Responsibility: Public Works/Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, State Agencies, City of Los Angeles, Cal Fed, Bureau of Reclamation, Environmental Groups, Homeowner Groups, Private Businesses, TreePeople

14. Tujunga Wash Restoration – Phase II**\$ 7,500,000**

Creation of an alternative naturalized stream course on the bank of an existing flood control channel, with native trees, shrubs and flowering plants, hiking and bike trails, and riparian habitat. This project will also enhance water quality through natural processes and provide open space opportunities in a highly urbanized area.

- County Responsibility: Public Works
- Potential/Existing Partners: Army Corps of Engineers, State Agencies, City of Los Angeles, Mountains Recreation Conservation Authority/Santa Monica Mountains Conservancy, Environmental Groups, Homeowner Groups

FOURTH DISTRICT**15. Beach, Marina, and Harbor Water Quality Improvements****\$ 26, 275,000**

(Also in the Third District)

This is an estimate to install water quality improvements including, low-flow diversions, clarifiers and filters, and full capture trash systems throughout the Fourth District. This project estimate includes the \$300,000 in additional funding that is required to augment a \$2 million grant from the State Clean Beaches Initiative (Proposition 13) for construction of a water circulation system at Marina del Rey Beach to eliminate health hazards caused by pollution, as well as construction of a storm drain diversion system to capture and treat pollutants from surrounding parking lots, \$3,600,000 in funding for beach and Marina water quality improvements, including low-flow diversion and filters in storm drains and all beach and Marina parking lots, and \$10 million in funding for the Oxford Basin Habitat Restoration Project.

- County Responsibility: Public Works/Beaches and Harbors
- Potential/Existing Partners: County Health Department, Santa Monica Bay Restoration Commission, State Agencies, Environmental Groups

16. Los Angeles River Master Plan Implementation**\$ 2,000,000**

(Also in the First, Second and Third Districts)

This is an estimate for the projects in the Fourth District that are part of the nearly \$74 million in L.A. River projects included in this list. The Los Angeles River is a 51-mile concrete flood control channel constructed by the Army Corps of Engineers. The Master Plan multi-use projects involve landscaping and beautification, habitat restoration, expanded recreational opportunities, water quality improvement, and flood mitigation. Some of the projects have already been funded and built. The remaining overall plan includes 47 individual projects, totaling about \$200 million, including the Tujunga Wash Restoration Project, which is shown separately in this list.

- County Responsibility: Public Works/Parks and Recreation
- Potential/Existing Partners: Army Corps of Engineers, Cities, State Agencies, Environmental Groups, Homeowners Groups, Businesses

17. San Gabriel River Corridor Projects**\$ 1,500,000**

(Also in the First District)

The San Gabriel River is a 58-mile flood-control channel that is soft bottom for 48 miles and concrete lined for 10 miles. The San Gabriel River Master Plan proposes 134 multi-use projects that focus on recreation, habitat, natural area, water quality, water conservation, and flood mitigation enhancement opportunities. This is an estimate for an initial set of projects for the design and construction of new gateways that incorporates native landscaping and will provide entry points where the San Gabriel River Bike Trail intersects with Whittier Boulevard, Carson Avenue, and Alondra Boulevard.

- County Responsibility: Public Works
- Potential/Existing Partners: Army Corps of Engineers, National Park Service, National Forest Service, State Agencies, Cities, Environmental Groups, Homeowners Associations, Businesses

FIFTH DISTRICT**18. Arroyo Seco Restoration - Phase I****\$ 26,500,000**

(Also in the First District)

This is an estimate of the Fifth District portion of a \$50 million pilot project involving concrete removal and habitat restoration. It is the first phase of a larger project, leading

to reduced storm water pollution, improved groundwater supplies, and the aesthetic, environmental, and recreational benefits of a naturally functioning stream.

- County Responsibility: Public Works
- Potential/Existing Partners: Cities of Los Angeles, Pasadena, South Pasadena, and La Canada Flintridge, Army Corps of Engineers, State Agencies, Environmental Groups, Homeowner Groups

19. Santa Clara River Park

\$ 5,000,000

One of a number of projects being planned to preserve/restore/improve the Santa Clara River watershed, from its headwaters to its outlet in Ventura, this project involves development of 13 acres as active and passive parkland along the River.

- County Responsibility: Parks and Recreation
- Potential/Existing Partners: City of Santa Clarita, Community Groups